

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number
WO 2005/049640 A2

- (51) International Patent Classification⁷: **C07K** **GLANTSCHNIG, Helmut** [AT/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (21) International Application Number: PCT/US2004/038489 (74) Common Representative: **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (22) International Filing Date: 12 November 2004 (12.11.2004) (81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/520,708 17 November 2003 (17.11.2003) US
- (71) Applicant (*for all designated States except US*): **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). (84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
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(54) Title: RHESUS MONKEY DICKKOPF-1, NUCLEOTIDES ENCODING SAME, AND USES THEREOF

Nucleotide Sequence of Rhesus Monkey Dkk-1 (SEQ ID NO:1)

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atgatggctc tgggcgcagc aggagctgcc cgggtcttgg tcgcgctggt agcggcggct 60
cttggcggcc accctctgct gggagtgagc gccacettga actcggttct caattccaac 120
gcatcaaga acctgcccc accgctgggc ggcgctgcgg ggcacccagg ctctgcagtc 180
agcgccgcgc caggaattct gtaccggggc gggaataagt accagaccat tgacaactac 240
cagccgtacc cgtgcgcaga ggatgaggag tgcggcactg atgagtactg cgctagtccc 300
accgcgggag gggacgcggg cgtgcaaadc tgtctcgcct gcaggaagcg ccgaaaacgc 360
tgcattgcgc acgctatgtg ctgccccggg aattactgca aaaatggaat atgtgtgtct 420
tctgatcaaa ataatttccg aggggaaatt gaggaacca ttactgaaag ctttggtaat 480
gatcatagca ctttggtatg gtattccaga agaacaacat tgtcttcaaa aatgtatcac 540
agcaaaggac aagaagggtc tgtgtgtctc cggtcacag actgtgccac aggactgtgt 600
tgtgctagac acttctggtc caagatctgt aaacctgtcc tcaaagaagg tcaagtgtgt 660
accaagcata gaagaaaagg ctctcatggg ctagaaatat tccagcgttg ttactgcgga 720
gaaggtctgt cttgccgat acagaaagat caccatcaag ccagtaattc ttctaggctt 780
cacacttgct agagacacta a 801
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(57) Abstract: The present invention provides rhesus monkey dickkopf-1 (rhDkk-1) and nucleotide sequences encoding it. Also provided herein are recombinant vectors, and recombinant hosts comprising rhDkk-1-encoding nucleotide sequences. Isolated rhDkk-1 can be used to screen and identify novel osteoanabolic compounds that stimulate bone formation for the treatment of osteoporosis or other disorders characterized by insufficient bone mass.

WO 2005/049640 A2



Published:

- without international search report and to be republished upon receipt of that report

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